

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: PORTFOLIO

Report Number: P857674

Luminaire Tested: **LX4C30D010 EX4C309850 4LBSH**

Issue Date: 2/14/2022



Test Information

Test Method: LM-79-08
Report Number: P857674
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205729)
Test Lab: INNOVATION CENTER
Issue Date: 2/14/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C30D010 EX4C309850 4LBSH
Description:
Light Source: -
Ballast/Driver: -

Summary

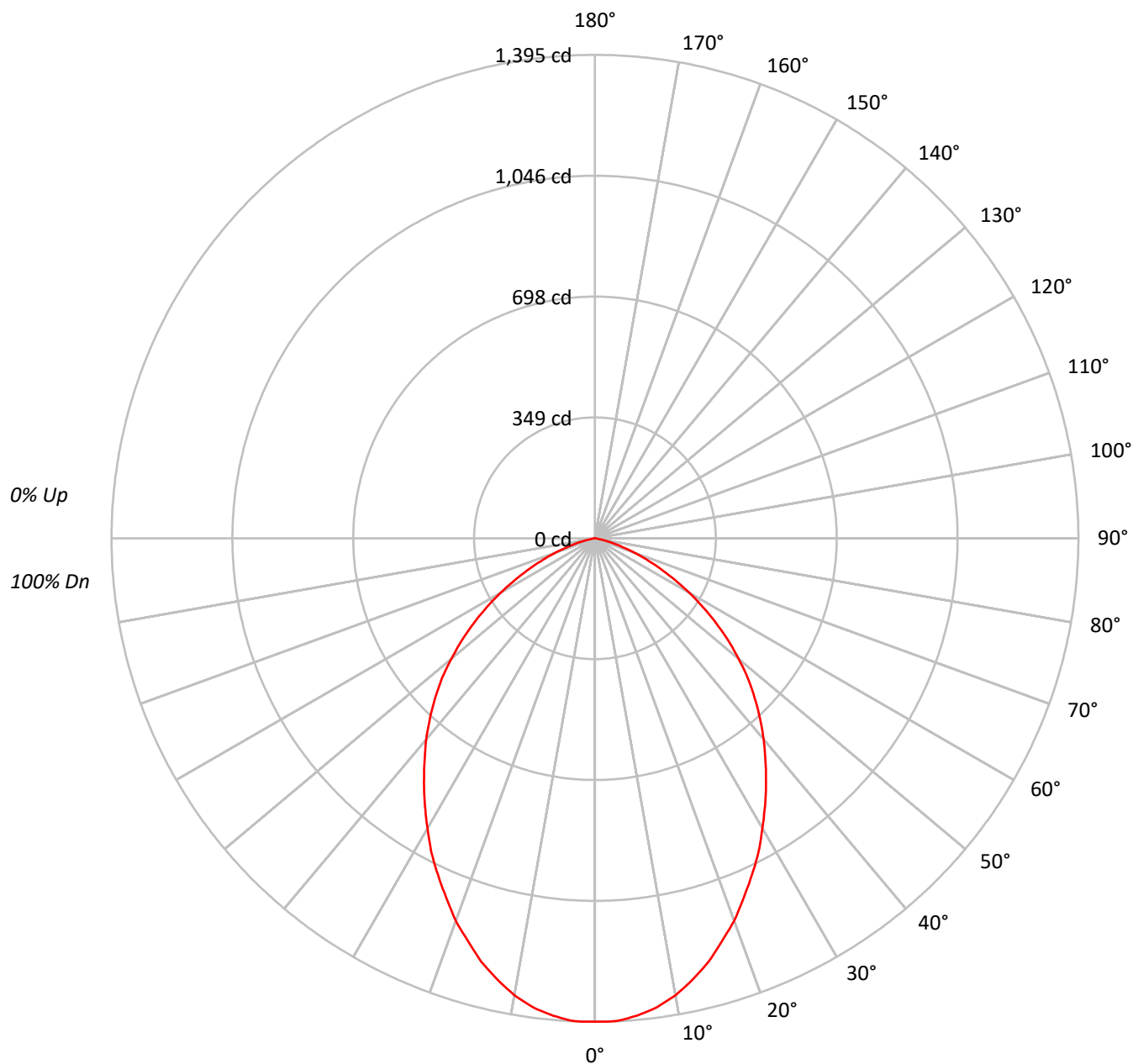
Lumens per Lamp: N/A
Luminaire Lumens: 2667.2 lumens
Efficiency: N/A
Efficacy: 84.4 lumens/watt
Spacing Criteria (0/90/45): 1.06 / 1.06 / 1.17
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 31.6
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

TEST NUMBER: P857674

CATALOG NUMBER: LX4C30D010 EX4C309850 4LBSH

Luminous Intensity Polar Plot





TEST NUMBER: P857674

CATALOG NUMBER: LX4C30D010 EX4C309850 4LBSH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	111	107	104	101	108	105	102	99	101	98	96		97	95	93		93
2	102	96	90	85	100	94	88	84	90	86	82		87	83	80		84
3	95	85	78	73	92	84	77	72	81	75	71		78	74	70		76
4	87	77	69	63	85	75	68	63	73	67	62		71	65	61		69
5	81	69	61	55	79	68	61	55	66	60	55		64	59	54		63
6	75	63	55	49	73	62	54	49	60	54	49		59	53	48		57
7	70	58	50	44	68	57	49	44	55	49	44		54	48	43		53
8	65	53	45	40	64	52	45	40	51	44	39		50	44	39		49
9	61	49	41	36	60	48	41	36	47	40	36		46	40	36		45
10	58	45	38	33	56	45	38	33	44	37	33		43	37	33		42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	171381
5°	170580
10°	167051
15°	160981
20°	153578
25°	145300
30°	137064
35°	129040
40°	121499
45°	113279
50°	103285
55°	91201
60°	77201
65°	60610
70°	43284
75°	23686
80°	4174
85°	0



TEST NUMBER: P857674

CATALOG NUMBER: LX4C30D010 EX4C309850 4LBSH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	130.7	4.9
10°-20°	355.1	13.3
20°-30°	493.2	18.5
30°-40°	538.2	20.2
40°-50°	502.1	18.8
50°-60°	381.1	14.3
60°-70°	208.7	7.8
70°-80°	57.4	2.2
80°-90°	0.8	0.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	979.0	36.7
0°-40°	1517.2	56.9
0°-60°	2400.3	90.0
0°-90°	2667.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2667.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1395	
5°	1383	131
15°	1266	355
25°	1072	493
35°	860	538
45°	652	502
55°	426	381
65°	208	209
75°	50	57
85°	0	1
90°	0	



TEST NUMBER: P857674

CATALOG NUMBER: LX4C30D010 EX4C309850 4LBSH

CANDELA DISTRIBUTION (FULL):

	0°
0°	1395.0
2.5°	1395.0
5°	1383.2
7.5°	1365.6
10°	1339.1
12.5°	1303.9
15°	1265.7
17.5°	1218.7
20°	1174.7
22.5°	1121.8
25°	1071.9
27.5°	1022.0
30°	966.2
32.5°	913.3
35°	860.4
37.5°	807.6
40°	757.6
42.5°	704.8
45°	652.0
47.5°	599.1
50°	540.4
52.5°	484.6
55°	425.8
57.5°	370.0
60°	314.2
62.5°	258.4
65°	208.5
67.5°	161.5
70°	120.5
72.5°	82.2
75°	49.9
77.5°	23.5
80°	5.9
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)